

Amendments to the Specification:

Please replace the paragraph beginning at page 23, line 12, with the following rewritten paragraph:

Examples of suitable pH sensitive polymers for use are the EudragitEUDRAGIT® polymers series from Rohm America Inc., a wholly-owned subsidiary of Degussa-Huls Corporation, headquartered in Piscataway, NJ, and an affiliate of Rohm GmbH of Darmstadt, Germany. EUDRAGIT® L 30 D-55 and EUDRAGIT® L 100-55, pH dependent anionic polymer that is soluble at pH above 5.5 and insoluble below pH 5. These polymers can be utilized for targeted drug delivery in the duodenum. EUDRAGIT® L 100 pH dependent anionic polymer that is soluble at pH above 6.0 for targeted drug delivery in the jejunum. EUDRAGIT® S 100 pH dependent anionic polymer that is soluble at pH above 7.0 for targeted drug delivery in the ileum. EUDRAGIT® E 100 and EUDRAGIT® EPO, pH dependent cationic polymer, soluble up to pH 5.0 and insoluble above pH 5.0.

Please replace the paragraph beginning at page 24, line 19, with the following rewritten paragraph:

Anionic acrylic copolymers of methacrylic acid and methylmethacrylate are also particularly useful coating materials for delaying the release of compositions and devices until the compositions and devices have moved to a position in the small intestine which is distal to the duodenum. Copolymers of this type are available from RohmPharma Corp, under the trade names EudragitEUDRAGIT-L.R™ and EudragitEUDRAGIT-S.R™, are anionic copolymers of methacrylic acid and methylmethacrylate. The ratio of free carboxyl groups to the esters is approximately 1:1 in EudragitEUDRAGIT-L.R™ and approximately 1:2 in EudragitEUDRAGIT-S.R™. Mixtures of EudragitEUDRAGIT-L.R™ and EudragitEUDRAGIT-S.R™ can also be used.

Please replace the paragraph beginning at page 25, line 19, with the following rewritten paragraph:

Preferred pH-sensitive polymers include shellac; phthalate derivatives, particularly cellulose acetate phthalate, polyvinylacetate phthalate, and hydroxypropylmethylcellulose phthalate; polyacrylic acid derivatives, particularly polymethyl methacrylate blended with acrylic

acid and acrylic ester copolymers; vinyl acetate; crotonic acid copolymers and Eudragit hydrophobic polymer EUDRAGIT® polymers series from Rohm America Inc.

Please replace the paragraph beginning at page 35, line 3, with the following rewritten paragraph:

25 grams of candelilla wax and 20 grams of castor oil are placed in an oven at 60° C and allowed to melt. 500 grams of deionized water are placed into 1 gallon vessel, fitted with an all-purpose silicon rubber heater (Cole-Palmer Instrument Company). 50 grams of Eudragit EUDRAGIT® S 100 (commercially available from Rohm America Inc. of Piscataway, New Jersey) were added to the water and the aqueous solution is heated to 70° C while mixing it with a propeller mixer. The candelilla wax is removed from the oven. 5 grams of bovine serum albumin are mixed into the melt by hand with a glass rod. The protein/wax mixture is poured into the aqueous solution and the dispersion is homogenized at 20,000 psi using a Rannie 100 lab homogenizer available from APV Gaulin Inc. The dispersion is cooled to ambient temperature by passing it through a tube-in-tube heat exchanger (Model 00413, Exergy Inc., Hanson, Massachusetts) to form a suspension. The resulting suspension is spray dried with a Bowen Lab Model Drier (at Spray-Tek of Middlesex, New Jersey) utilizing 250 c.f.m of air with an inlet temperature of 280° F, and outlet temperature of 225 °F and a wheel speed of 45,000 r.p.m to produce a free flowing, dry powder, consisting of 5% bovine serum albumin encapsulated in the solid hydrophobic nanospheres.

Please replace the paragraph beginning at page 35, line 29 with the following rewritten paragraph:

20 grams of beeswax wax and 25 grams of castor oil are placed in an oven at 60° C and allowed to melt. 500 grams of deionized water are placed into 1 gallon vessel, fitted with an all-purpose silicon rubber heater (Cole-Palmer Instrument Company). 40 grams of Eudragit EUDRAGIT® S 100 (commercially available from Rohm America Inc. of Piscataway, New Jersey) and 10 grams of Hi-Cap™ 100 (commercially available from the National Starch and Chemical Company of Bridgewater, New Jersey) were added to the water and the aqueous solution is heated to 70° C while mixing it with a propeller mixer. The melt is removed from the oven and 5 grams of bovine serum albumin are mixed into the melt by hand with a glass rod.

The protein/wax mixture is poured into the aqueous solution and the dispersion is homogenized at 20,000 psi using a Rannie 100 lab homogenizer available from APV Gaulin Inc. The dispersion is cooled to ambient temperature by passing it through a tube-in-tube heat exchanger (Model 00413, Exergy Inc., Hanson, Massachusetts) to form a suspension. The resulting suspension is spray dried with a Bowen Lab Model Drier (at Spray-Tek of Middlesex, New Jersey) utilizing 250 c.f.m of air with an inlet temperature of 300° F, and outlet temperature of 225° F and a wheel speed of 45,000 r.p.m to produce a free flowing, dry powder, consisting of 5% Bovine serum albumin encapsulated in the solid hydrophobic nanospheres.

Please replace the paragraph beginning at page 36, line 25 with the following rewritten paragraph:

25 grams of candelilla wax and 24 grams of castor oil are placed in an oven at 60° C and allowed to melt. 500 grams of deionized water are placed into 1 gallon vessel, fitted with an all-purpose silicon rubber heater (Cole-Palmer Instrument Company). 50 grams of EndragitEUDRAGIT® S 100 (commercially available from Rohm America Inc. of Piscataway, New Jersey) were added to the water and the aqueous solution is heated to 70° C while mixing it with a propeller mixer. The candelilla wax is removed from the oven. 1 gram of Asparaginase-polyethylene glycol is mixed into the melt by hand with a glass rod. The protein/wax mixture is poured into the aqueous solution and the dispersion is homogenized at 20,000 psi using a Rannie 100 lab homogenizer available from APV Gaulin Inc. The dispersion is cooled to ambient temperature by passing it through a tube-in-tube heat exchanger (Model 00413, Exergy Inc., Hanson, Massachusetts) to form a suspension. The resulting suspension is spray dried with a Bowen Lab Model Drier (at Spray-Tek of Middlesex, New Jersey) utilizing 250 c.f.m of air with an inlet temperature of 280 °F, and outlet temperature of 225° F and a wheel speed of 45,000 r.p.m to produce a free flowing, dry powder, consisting of 1% bovine Asparaginase-polyethylene glycol encapsulated in the solid hydrophobic nanospheres.

Please replace the paragraph beginning at page 37, line 22 with the following rewritten paragraph:

20 grams of beeswax wax and 29 grams of castor oil are placed in an oven at 60° C and allowed to melt. 500 grams of deionized water are placed into 1 gallon vessel, fitted with an all-

purpose silicon rubber heater (Cole-Palmer Instrument Company). 40 grams of Eudragit**EUDRAGIT® S 100** (commercially available from Rohm America Inc. of Piscataway, New Jersey) and 10 grams of Hi-Cap™ 100 (commercially available from the National Starch and Chemical Company of Bridgewater, New Jersey) were added to the water and the aqueous solution is heated to 70° C while mixing it with a propeller mixer. The melt is removed from the oven and 1 gram of Deoxyribonucleic acid sodium salt from calf thymus is mixed into the melt by hand with a glass rod. The protein/wax mixture is poured into the aqueous solution and the dispersion is homogenized at 20,000 psi using a Rannie 100 lab homogenizer available from APV Gaulin Inc. The dispersion is cooled to ambient temperature by passing it through a tube-in-tube heat exchanger (Model 00413, Exergy Inc., Hanson, Massachusetts) to form a suspension. The resulting suspension is spray dried with a Bowen Lab Model Drier (at Spray-Tek of Middlesex, New Jersey) utilizing 250 c.f.m of air with an inlet temperature of 300° F, and outlet temperature of 225° F and a wheel speed of 45,000 r.p.m to produce a free flowing, dry powder, consisting of 1% Deoxyribonucleic acid sodium salt from calf thymus encapsulated in the solid hydrophobic nanospheres.

Please replace the paragraph beginning at page 38, line 19 with the following rewritten paragraph:

24.5 grams of candelilla wax and 24 grams of castor oil are placed in an oven at 60° C and allowed to melt. 500 grams of deionized water are placed into 1 gallon vessel, fitted with an all-purpose silicon rubber heater (Cole-Palmer Instrument Company). 50 grams of Eudragit**EUDRAGIT® S 100** (commercially available from Rohm America Inc. of Piscataway, New Jersey) were added to the water and the aqueous solution is heated to 70° C while mixing it with a propeller mixer. The candelilla wax is removed from the oven. 1 grams of Asparaginase-polyethylene glycol and 0.5 grams of polyethyleneimine are mixed and incorporated into the melt by hand with a glass rod. The protein/wax mixture is poured into the aqueous solution and the dispersion is homogenized at 20,000 psi using a Rannie 100 lab homogenizer available from APV Gaulin Inc. The dispersion is cooled to ambient temperature by passing it through a tube-in-tube heat exchanger (Model 00413, Exergy Inc., Hanson, Massachusetts) to form a suspension. The resulting suspension is spray dried with a Bowen Lab Model Drier (at Spray-

Tek of Middlesex, New Jersey) utilizing 250 c.f.m of air with an inlet temperature of 280 °F, and outlet temperature of 225 °F and a wheel speed of 45,000 r.p.m to produce a free flowing, dry powder, consisting of 1% bovine Asparaginase-polyethylene glycol encapsulated in the solid hydrophobic nanospheres.

Please replace the paragraph beginning at page 39, line 16 with the following rewritten paragraph:

20 grams of beeswax wax and 29 grams of castor oil are placed in an oven at 60° C and allowed to melt. 500 grams of deionized water are placed into 1 gallon vessel, fitted with an all-purpose silicon rubber heater (Cole-Palmer Instrument Company). 40 grams of Eudragit**EUDRAGIT® S 100** (commercially available from Rohm America Inc. of Piscataway, New Jersey) and 10 grams of Hi-Cap™ 100 (commercially available from the National Starch and Chemical Company of Bridgewater, New Jersey) were added to the water and the aqueous solution is heated to 70° C while mixing it with a propeller mixer. The melt is removed from the oven and 1 grams of Ribonuclease A from bovine pancreas (RNase A) is mixed into the melt by hand with a glass rod. The protein/wax mixture is poured into the aqueous solution and the dispersion is homogenized at 20,000 psi using a Rannie 100 lab homogenizer available from APV Gaulin Inc. The dispersion is cooled to ambient temperature by passing it through a tube-in-tube heat exchanger (Model 00413, Exergy Inc., Hanson, Massachusetts) to form a suspension. The resulting suspension is spray dried with a Bowen Lab Model Drier (at Spray-Tek of Middlesex, New Jersey) utilizing 250 c.f.m of air with an inlet temperature of 300 °F, and outlet temperature of 225 °F and a wheel speed of 45,000 r.p.m to produce a free flowing, dry powder, consisting of 1% Ribonuclease A from bovine pancreas (RNase A) encapsulated in the solid hydrophobic nanospheres.